

**B.Pharm. Fifth Semester (C.B.S.) Examination****PHARMACOLOGY—III****Paper—3**

Time : Three Hours]

[Maximum Marks : 80

**Note :—**(1) Question No. **1** is compulsory.(2) Attempt any **FOUR** questions from the remaining.

(3) Draw neat labeled diagram wherever necessary.

1. Answer any **FIVE** of the following :— 5×4=20
  - (a) Explain the use of antitussives and expectorants in treatment of cough.
  - (b) Justify the use of  $\beta$ -blockers in anxiety.
  - (c) Give uses of prokinetic drugs as anti-emetics.
  - (d) Explain the stages of anaesthesia.
  - (e) What is Informed Consent form ? Give its significance.
  - (f) Explain the treatment of chronic alcoholism.
  - (g) Justify the role of Loperamide in the treatment of diarrhoea.
2. Discuss the pathophysiology of peptic ulcer. Classify anti-ulcer drugs with their mode of action and give treatment regimens for peptic ulcer. 15
3. Give pharmacological account of benzodiazepines. Explain their use in various CNS disorders. 15
4. Discuss various types of epilepsy. Write pharmacology of phenytoin, valproic acid and gabapentin. 15
5. What are neurodegenerative disorders ? Give mechanism of action of various drugs used for treatment of Parkinsonism. 15
6. Classify local anaesthetics with their mechanism of action. Add a note on types of local anaesthesia. 15
7. Write short notes on any **TWO** of the following :—
  - (a) Ethical issues in clinical trials.
  - (b) Treatment of bronchial asthma.
  - (c) Opioid analgesics. 7.5×2=15